

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/106,646 <i>dk</i>
		Filing Date	March 26, 2002
		First Named Inventor	Takao Ono
		Art Unit	3653 <i>1742</i>
		Examiner Name	
Sheet 1 of 3	Attorney Docket Number	P05627US0	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GW	1.	US- 3,580,862A	1971	Watson, Lloyd M. et al.	Col. 6, ln. 44-Col. 7, ln. 12; claim 1
GW	2.	US- 5,653,783A	1997	Ohzeki, Yoshio	Abstract, claims 1-3
GW	3.	US- 5,616,164A	1997	Hashimoto Kaoru et al. <i>Ochiai et al.</i>	p. 2, ln. 28-51; col. 3, ln. 43-61; and col. 5, ln. 45-50

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T *
GW	4.	DD 237 575 A (Ruhla Uhren Veb K) 23 July 1986	1986-07-23	Ruhla	Whole Document	
GW	5.	Patent Abstracts of Japan Vol. 014, No. 339 (M-1001), 23 July 1990 & JP 02 118003 A (Mitsubishi Metal Corp.)	1990-07-23 2 May 1990	Mitsubishi Metal Corp.	Abstract	
GW	6.	Patent Abstracts in Japan Vol. 1997, No. 06, 30 June 1997, Abstract, & JP 09 049007 A (Harada:KK) 18 February 1997 (1997-02-18) Abstract	1997-06-30 1997-02-18	Harada:KK Harada: KK	Abstract Abstract	
GW	7.	Database WPI Section Ch, Week 9250 Derwent Publications Ltd, London, GB; Class M, Page 23-A, AN 413523 XP002209085 & SU 1 703 253 A (OD ELECTRONTECH I SVYNAUT), 7 January 1992	1992 01-07 1992-01-07	OD Electrotech I Svnaut OD Electrotech I Svnaut	Abstract Abstract	
GW	8.	WO 00 00313 A (Protsch Walter; Schulze Juergen (DE) 6 January 2000	2000 01-06	Protsch Walter; Schulze Juergen	Claims 1-5	

Examiner Signature	/George Wyszomierski/	Date Considered	05/12/2006
-----------------------	-----------------------	--------------------	------------

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

[illegible]

* EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS** SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/106,646
		Filing Date	March 26, 2002
		First Named Inventor	Takao Ono
		Art Unit	3653 / 742
		Examiner Name	
Sheet <u>3</u> of <u>3</u>	Attorney Docket Number	P05627US0	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	1.	04-056782	04/06/1993	Maeda Masao		
	2.	08-016305	02/01/1996	Asa Takeshi		
	3.	10-141667	12/07/1999	Asa Takeshi		
	4.	10-165035	06/12/1998	Asa Takeshi		
	5.	63-270108	05/02/1990	Yoshida Hideaki		
	6.	02-026945	10/14/1991	Harada Akio		

Examiner Signature	/George Wyszomierski/	Date Considered	05/12/2006
--------------------	-----------------------	-----------------	------------

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231